

NON-WOVEN DEPTH FILTER CARTRIDGE

ABSTRACT OF THE DISCLOSURE

A new non-woven depth filter cartridge is formed by insertion of a core into filter mass formed in a continuous process. A mass of very fine diameter polymer filaments is overlaid by mass of larger diameter polymer filaments. The filaments are continuously accumulated on a spinning mandrel and advanced along and off of the mandrel by a press roller. An inner cylindrical surface of the cumulative filament mass forming the depth filter element is calendered, which facilitates insertion of a core member.

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